Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Software Test Report (STR) for
<name and version of software/segment>

<Document Version (if applicable)>

<Date>

Prepared for:

Defense Information Systems Agency

<Document Number>

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Notes on Using the Template

1. Refer to Section 3.1 and 3.2 of the *DII COE Developer Documentation Requirements* for format requirements and guidelines for using the templates.
2. This template has been formatted for a small document (12 pages or less). Section headings are left adjusted (refer to Section 3.1.6 of the *DII COE Developer Documentation Requirements*) and are not required to begin on a new odd page.

1. Scope

This section shall be divided into the following paragraphs.

1.1 Identification

This paragraph shall contain a full identification of the system and the software. It must provide the name(s), title(s), abbreviation(s), version number(s), and the release number(s). Identification must include the operating system platform(s) to which this document applies.

1.2 System Overview

This paragraph shall provide a brief description of the general nature, purpose, and function of the system and software.

2. Referenced Documents

Provide a list of documents referenced in this document. List each document by document number, title, version/revision, and date. Identify the source for all documents not available through the Government.

3. Overview of Test Results

3.1 Assessment of Software Tested

Provide an overall assessment as demonstrated by the test results. Identify any remaining deficiencies, limitations, or constraints and include all associated problem reports and change requests. For each deficiency, limitation, or constraint, describe:

1. The impact to software and system performance, including identification of requirements not met
2. Recommended solution/approach for correcting it
3. The impact to software and system design to correct it

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3.2 Impact of Test Environment

Assess the ways in which the test environment may differ from the operational environment and the effect of this difference on the test results.

3.3 Recommended Improvements

Provide a recommendation for improvements in the design, operation, or testing of the software.

4. Test Results

Describe the detailed results for each test in the following paragraphs.

4.1 <Name of Test>

Identify a test and describe the test results in the following paragraphs.

4.1.1 Summary of Test Results

Summarize the results of the test. Provide the status of each associated test case (possibly in table format), for example Passed, Failed, Retest Required. Reference the following paragraphs for information regarding problems encountered in testing (i.e., all results that are not a Pass, results as expected).

4.1.2 Problems Encountered

The following paragraphs identify each test case in which one or more problems occurred.

4.1.2.1 <Name of Test Case>

Provide:

1. A brief description of the problem(s)
2. Reference to the associated problem report(s) and/or change request(s)
3. Identification of the test procedure step(s) where the problem(s) occurred
4. Efforts made to correct the problem(s), including:

    a. Test procedure or steps repeated in retesting
    b. The number of times the test procedure(s) or step(s) were repeated and the results

4.1.3 Test Deviations

The following paragraphs identify each test case in which one or more deviations occurred.

4.1.3.1 <Name of Test Case>

Provide:

1. A brief description of the deviation(s)
2. Rationale for the deviation(s)
3. Assessment of the impact of the deviation(s) on the validity of the test

5. Test Log

Provide a chronological record of the test events covered by this report. This section may be included as an appendix and referenced in this paragraph. The test log shall include:

1. Date(s), time(s), and location(s) of the test performed
2. Hardware and software identification and configurations used in each test
3. Date and time of each test-related activity, including the identity of individuals performing the test and the identity of witnesses, as applicable

6. Notes

Provide general information to assist in the understanding of this document. This section may include a list of acronyms and abbreviations, and a list of terms and definitions.

7. Documentation Improvement and Feedback

Comments and other feedback on this document should be directed to the DII COE Hotline:

Phone: 703-735-8681
Fax.:   703-735-3080
Email: HotlineC@ncr.disa.mil

A. Appendices

Appendices may be used to provide additional information published separately for convenience in document maintenance. The appendices shall be referenced in the main body of the document, where applicable.